

COLOR PROFILING USING GRAY BACKING MATERIAL

ABSTRACT

Techniques for producing a color profile that characterize the color response of a color imaging device involve the use of a gray backing material. The gray backing material is placed behind a sheet of output media during measurement of color elements in a reference image formed on the output media. The gray backing material may be particularly useful for output media that is very thin or slightly transparent. In particular, unlike black or white backing materials, the gray backing material produces very little visual interference when the reference image is reproduced, providing a close visual match. Use of a gray backing material can support generation of more accurate color profiles.